

Documentation

Fuzzy Logic White Paper
Fuzzy Logic BLDC Motor Control
Development Tools
FLBLDC Whitepaper.pdf

Application

Motor Control
Motion Control
Algorithm Development
Microcontroller Replacement

Warranty

90 day warranty on media

Part #: 701090

Brushless DC Motor Control Development Tools Using Fuzzy Logic for TMS320F2812



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TMS320F2812

BLDC Tool Features

- FL BLDC easier to understand than traditional controllers
- Simplifies BLDC design and development
- FL BLDC has faster time to market than PID controllers
- Uses low-cost DMC550 drive stage
- Uses low-cost 12-24 VDC BLDC motors

Software Features

- Compatible with CCS 2.x and 3.1
- Operates as Stand-alone software.
- Small code footprint

Required Hardware

- eZdsp™ F2812, # 761129 or 761128
- DMC550, # 701225

What's Included

- CD with code for FL and PID BLDC Motor Control Dev tools
- Quickstart installation manual
- Whitepaper on FL BLDC motor control
- FL BLDC (FBSK) System document
- Simulation files for FL controller tuning

Do You Need ?

- eZdsp™ F2812 with socket, # 761129
- eZdsp™ F2812 w/o socket, # 761128
- DMC550, #701225

- XDS510 USB JTAG Emulator, #701900
- XDS510USB Galvanic JTAG Emulator, #701910